

### **Improve energy efficiency with an ISO 50001 Energy Management System**

**The international standard for Energy Management Systems ISO 50001** is an ideal tool for helping your organisation to establish the systems and processes necessary for achieving improved energy efficiency, financial savings and reductions in greenhouse gas emissions, through systematic management of energy.

ISO 50001 specifies requirements for an organisation to establish, implement, maintain and improve an Energy Management System, enabling the organisation to take a systematic approach to achieving continual improvement of energy performance. ISO 50001 applies to all aspects affecting energy use, which can be monitored and influenced by an organisation. Having an existing certification against BS EN 16001 will help adopt ISO 50001 faster.

ISO 50001 allows organisations to establish the systems and processes necessary to improve energy performance, including energy efficiency, use, consumption and intensity. Implementation of this Standard should lead to reductions in energy cost, Green House Gas (GHG) emissions and other environmental impacts, through the systematic management of energy. Conformance with this Standard will demonstrate that the organisation implemented sustainable energy management systems, completed a baseline of energy use, and committed to continuously improve their energy intensity.

#### **How can you continuously improve energy efficiency?**

Realising the importance of energy management, **ISO 50001** was developed as the future International Standard for energy management by the International Organization for Standardization (ISO) in 2008. Launched in June 2011, **ISO 50001** is anticipated to affect up to 60% of the world's energy consumption.

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## Why ISO 50001?

The **ISO 50001 energy management standard** specifies requirements for an organisation to establish, implement, maintain and improve an **Energy Management System (EnMS)**, enabling the organisation to take a systematic approach to achieving continual improvement of energy performance.

This new standard will establish an international framework to help manage the energy supply, uses and consumption of industrial, commercial, or institutional organisations, including measurement, documentation and reporting, design and procurement practices for energy using equipment, systems and processes. ISO 50001 energy management standard applies to all aspects affecting energy use, which can be monitored and influenced by an organisation.

### **The benefits of ISO 50001:-**

- Enables organisations to establish the systems and processes necessary to improve energy performance, including energy efficiency, use, consumption and intensity;
- Reductions in energy cost, GHG emissions and other environmental impacts, through the systematic management of energy; and
- Demonstrates that the organisation implemented sustainable energy management systems, completed a baseline of energy use, and committed to continuously improve their energy intensity.